

Title (en)
Container with reinforcing ring.

Title (de)
Behälter mit einem Verstärkungsring.

Title (fr)
Récipient avec un anneau de renforcement.

Publication
EP 0336532 A1 19891011 (EN)

Application
EP 89301168 A 19890207

Priority
US 17745388 A 19880404

Abstract (en)
The present invention is directed to a plastic container (10) having a reinforcing ring (46) disposed around its upper edges to provide additional strength. The reinforcing ring (46) is preferably formed of a cross-sectionally round wire which is obtained from a coil, straightened, cut, and bent to suitable dimensions. If desired, the reinforcing ring (46) may have its ends welded together and the ring may extend around the entire top opening. The reinforcing ring (46) is disposed within a peripheral outwardly facing channel (34) of the shopping cart basket, crate, or other container. The channel (34) includes top and bottom walls (36, 38 resp.) and an inner side wall (40). The reinforcing ring (46) is free of projections that engage the walls of the channel (34). The channel (34) has retaining ridges and/or a plurality of resilient discrete projections (42) which retain the reinforcing ring (46) and enable the reinforcing ring (46) to be snap-actingly receivable within the channel (34).

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Citation (search report)
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EP 0336532 A1 19891011; **EP 0336532 B1 19931103**; AT E96751 T1 19931115; CA 1323590 C 19931026; DE 68910364 D1 19931209; DE 68910364 T2 19940421; US 4865338 A 19890912

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